

VPT24-10420

Electrical Specifications (@25C)

1. Maximum Power: 250VA
2. Input Voltage: **Series:** 230VAC, 50/60Hz
Parallel: 115VAC, 50/60Hz
3. Output Voltage: **Series:** 24VAC CT @ 10.42A
Parallel: 12.0VAC @ 20.84A
4. Voltage Regulation: 7% TYP from full load to no load
5. Temperature Rise: 50°C TYP
6. Hipot: 4000VAC, Primary to Secondary
7. Efficiency: 90% TYP. @ full load

Construction:

The toroidal construction inherently helps reduce stray fields, increases efficiency and minimizes size compared to traditional EI transformers. Built with Class B (130°) insulation system.

Safety:

World Series Transformers are designed and manufactured to meet most International Safety agency standards.

Agency File:

UL: File E122529, UL 5085-1 & 2
 CE: EN 61558-1:2005, EN 61558-2-6:1995, Low Voltage Directive (LVD)
 EN 6-000-6-6:2001+A11:2004, EN 55014-1:2000+A1:2001+A2:2002, EN
 6100-6-1:2001, EN 55014-2:1997+A1:2001, Electromagnetic Compatibility (EMC)



Dimensions (mm):

H*	I.D.	O.D.
58.0 Max	31.0 Min	112.0 Max

*Add 3mm to the height for mounting hardware
 Weight: 2.2Kg

Mounting:

Transformer is provided with one metal mounting plate, two rubber pads, M6 x 65mm bolt, nut, spring and flat washer.

Connections:

Transformer is provided with 8" (200mm) long, 0.25" (6mm) stripped and tinned, stranded UL 1015 lead wire. Primaries are 20AWG, Secondaries are 14AWG.

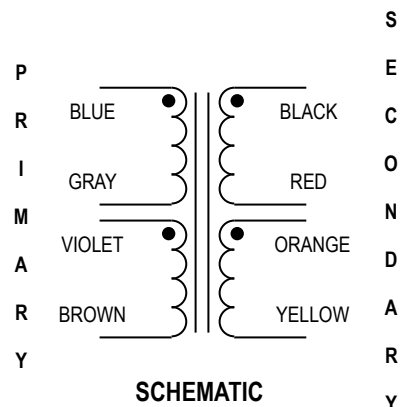
Input¹: Series – BLUE and BROWN, Jumper GRAY to VIOLET
 Parallel – BLUE and BROWN, Jumper BLUE to VIOLET, GRAY to BROWN

Output¹: Series – BLACK and YELLOW, Jumper RED to ORANGE
 Parallel – BLACK and YELLOW, Jumper BLACK to ORANGE, RED to YELLOW

RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

¹ Primary and secondary windings are designed to be connected in series or parallel. Windings are not intended to be used independently.



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Triad Magnetics:](#)

[VPT24-10420](#)